Shaik, Amzad

From: Barrington, John
Sent: Saturday, March 16, 2019 08:57
To: Shaik, Amzad; Snorek, Gary
Cc: Wolfe, Kirby; Watts, John; Ayres, Joshua
Subject: Re: RQ-2019-03-11-06 SAMPLE CONTAINERS

Mistake. 0 W-F bottles sent to lab.

John

From: Shaik, Amzad
Sent: Friday, March 15, 2019 2:14:26 PM
To: Barrington, John; Snorek, Gary
Cc: Wolfe, Kirby; Watts, John; Ayres, Joshua
Subject: RQ-2019-03-11-06 SAMPLE CONTAINERS

Samples received for RQ-2019-03-11-06 on the submittal form indicated W-F sample containers group-B (8) shipped to the lab no sample containers received.
Please check the attached file.

Thanks.
Amzad Shaik
FLORIDA DEP LABS
Scientific Support Section
Office: 850-245-8081
Direct: 58081
Amzad.shaik@dep.state.fl.us

Log-in Checklist

RQ- **2019 - 03-11-06**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **03/15/2019 / 09:55**

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
				Present?		*Intact?		
	HNO_3	Formalin		Yes	No	Yes	No	
1.6 C			23		X			
1.9 C			25		X			
2.7 C			23		X			
3.4 C			21		X			

* HNO3 and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an **NCR**.

Chain of Custody/ Field Sheet(s) Included? Yes **x No_____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes_____ No X Date_____

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes_____ No **x** **If yes, is it intact?** Yes_____ No_____

Caps on tight? Yes **x No_____ **Containers intact? Yes **x** No_____

Sufficient Sample Volume: Yes **x No_____

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes_____ No X Init: **ABS**

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.

Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		
W-PFAS-MS					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

Acid Preserved Samples: pH ≤ 2.0? Yes **X No____ NA____ Init: **ABS**

W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA **X Init: **ABS**

Coolers Unpacked/Checked by: **ABS** **Date:** **03/15/2019** **NCRs (Y/N)?** _____

Event ID: CALOOSA LT SO-DIST-2019-03-15-02 (BMAP) **NCR #** _____

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

***Samples* with Insufficient Volume for Analyses**

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_03_2018
pH Paper 0.0 – 3.0 Lot #	220416AEXP:7/30/20
pH Paper 0 – 13 Lot #	21551 EXP:06/01/20
Chlorine Test Strips Lot #	8261EXP:2021/07

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes_____ No__X__

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____If No_____

no, were samples shipped on dry ice? Yes_____No_____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF;W-HG-AF-F):

Samples preserved within48 hours? Yes_____ No_____

Date and time samples preserved: _____

Request Number: RQ-2019-03-11-06

CALOOSA LT

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Collected By: GARY SNOREK

Field Report Prepared By: JOHN BARRINGTON

Sampling Agency: FDEP SURVEY 8052

Location

WIN ID: G3SD0108

Location: PUNTA BLANCA

☐ dms

☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1000 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen: 6.58 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 23.97 | pH: 7.85 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 30550

Salinity (ppt): 19.01 | Comments:

Location

WIN ID: G3SD0109

Location: USGS SHELL POINT

☐ dms

☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1025 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen: 5.60 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 24.25 | pH: 7.94 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 41654

Salinity (ppt): 26.97 | Comments:

Location

WIN ID: G3SD0110

Location: MARKER 76

☐ dms

☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1045 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen: 7.69 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 24.12 | pH: 7.93 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 19762

Salinity (ppt): 11.77 | Comments:

Location

WIN ID: G3SD0111

Location: MARKER 52

☐ dms

☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1115 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen: 9.30 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 24.17 | pH: 8.06 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 7131

Salinity (ppt): 3.91 | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	3/14/19 1515	FEDEX	4	ABP	3-15-19/9:55

Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY W-F						
Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	FCOLI-MF						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	4
	W-DOC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			SA 8197090 NA 8197080			
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	BOD-UNIN						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	FCOLI-MF						
Group: B	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	8
	W-DOC						
Group: B	Bottle Type:	P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	W-F						
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	8

Request Number: RQ-2019-03-11-06

CALOOSA LT

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Collected By: GARY SWORGIC

Field Report Prepared By: JOHN BARRINGTON

Sampling Agency: FDEP SURC 8052

WIN ID G3SD0112 | **Location** MARKER 38 | ☐ dms

Location | ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1140 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2) B

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 9.76 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 24.49 | pH 7.86 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 5237

☐ dd ☐ dms | Salinity (ppt) 2.82 | Comments

WIN ID G3SD0113 | **Location** MARKER 28 | ☐ dms

Location | ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1150 Eastern Central | Composite end Date Time | Bottle Group(s) B

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 8.51 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 24.74 | pH 7.76 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 3091

☐ dd ☐ dms | Salinity (ppt) 1.61 | Comments

WIN ID G3SD0114 | **Location** MARKER 22 | ☐ dms

Location | ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1205 Eastern Central | Composite end Date Time | Bottle Group(s) B

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 8.09 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 24.67 | pH 7.64 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 1874

☐ dd ☐ dms | Salinity (ppt) 0.94 | Comments

WIN ID G3SD0115 | **Location** OLD SWING BRIDGE | ☐ dms

Location | ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1220 Eastern Central | Composite end Date Time | Bottle Group(s) B

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 7.48 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 24.97 | pH 7.59 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 1009

☐ dd ☐ dms | Salinity (ppt) 0.51 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	3/14/19 1515	FEDEX	4	ABP	3-15-19/9:55

W-F sample containers not received.
ABP 3-15-19

Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
ALKALINITY W-F						
Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
BOD-UNIN						
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
CHLSUITE-W						
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
FCOLI-MF						
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	
W-DOC						
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	
W-ICP W-ICPMS						
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	
W-PO4-F						
Group: B	Bottle Type: P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
BOD-UNIN						
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
FCOLI-MF						
Group: B	Bottle Type: P-125ML	# of Bottles: 8	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	
W-DOC						
Group: B	Bottle Type: P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
W-F						
Group: B	Bottle Type: P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	

Request Number: RQ-2019-03-11-06

CALOOSA LT

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Collected By: GARY SNORER

Field Report Prepared By: JOHN BARRINGTON

Sampling Agency: FDEP SOUTH BS2

WIN ID G3SD0116 **Location** ORANGE RIVER

Location | ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1235 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 6.73 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 24.99 | pH 7.39 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 606

Latitude ☐ dd ☐ dms | Salinity (ppt) 0.29 | Comments

WIN ID G3SD0117 **Location** POWER PLANT

Location | ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1302 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 7.91 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 25.21 | pH 7.51 | Sample Depth 0.25 ☐ ft ☒ m | Sp. Conductance (umho/cm) 573

Latitude ☐ dd ☐ dms | Salinity (ppt) 0.28 | Comments

WIN ID G3SD0118 **Location** CHANNEL OFF OXBOW

Location | ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1315 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 7.77 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 24.63 | pH 7.26 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 512

Latitude ☐ dd ☐ dms | Salinity (ppt) 0.25 | Comments

WIN ID G3SD0119 **Location** CHANNEL OFF POINT

Location | ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/14/19 Time 1325 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 8.28 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C) 25.00 | pH 7.60 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 517

Latitude ☐ dd ☐ dms | Salinity (ppt) 0.25 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	3/14/19 1515	FEDEX	4	ABS	3-15-19 / 9:55

W-F sample containers not received. ABS 3-15-19.

Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
ALKALINITY W-F							
Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
BOD-UNIN							
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
CHLSUITE-W							
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
FCOLI-MF							
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	
W-DOC							
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	
W-ICP W-ICPMS							
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC							
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	
W-PO4-F							
Group: B	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
BOD-UNIN							
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
FCOLI-MF							
Group: B	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	
W-DOC							
Group: B	Bottle Type:	P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
W-F							
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	

Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	8
	W-ICP W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	8
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			SA 8197096 NA 8197050			
Group: B	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	8
	W-PO4-F						
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY W-F						
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	BOD-UNIN						
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	FCOLI-MF						
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	0
	W-DOC						
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP W-ICPMS						
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F						

RQ-2019-03-11-06

Date of Request: 02-JAN-2019
Created By: BARRINGT_J On: 02-JAN-2019
Modified By: JASROTIA_P On: 13-FEB-2019
Customer: SO-DIST
Project: BMAP
Division: Division of Environmental Assessment and Restoration
District: South District
Sampling Event: CALOOSA LT

Send Coolers To:

Phone: 239-344-5720
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: John Barrington

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: John Barrington

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 13-FEB-2019
Biology Request Reviewed By: JASROTIA_P On: 13-FEB-2019
Sampling Kit Required: YES Ship on: 01-MAR-2019
Sampling Kit Shipped: YES On: 28-FEB-2019
Sampling Kit Packed By: REAVES_S
Preservatives Needed: NO
Date to Receive Samples: 11-MAR-2019
Received By: SHAIK_A On: 15-MAR-2019

Report Type: Final Only
FTP Data: NO
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments: Group A: WBID 3240A
Group B: WBID 3240BC
Group C: Blank

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML Number of Bottles: 4 Preserved With: ICE
- ALKALINITY Template: DEFAULT (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
- W-F Template: DEFAULT (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Bottle Type: P-1L Number of Bottles: 4 Preserved With: ICE
- BOD-UNIN Template: DEFAULT (SM 5210 B) BOD, NOT nitrogen-inhibited

Bottle Type: BP-1L Number of Bottles: 4 Preserved With: ICE
- CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WO-THI Number of Bottles: 4 Preserved With: ICE
- FCOLI-MF Template: DEFAULT (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Type: P-125ML Number of Bottles: 4 Preserved With: FILTER-H2SO4-ICE
- W-DOC Template: DEFAULT (SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices

Bottle Type: P-500ML Number of Bottles: 4 Preserved With: HNO3
- W-ICP Template: (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
  - Iron
  - Zinc
- W-ICPMS Template: PRTY (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
  - Arsenic
  - Cadmium
  - Chromium
  - Copper
  - Lead
  - Nickel
  - Silver

Bottle Type: P-500ML Number of Bottles: 4 Preserved With: ICE And H2SO4

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML Number of Bottles: 4 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 4 Preserved With: FILTER-ICE

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 8 Samples:

Bottle Type: P-250ML-WO-THI Number of Bottles: 8 Preserved With: ICE

FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Type: P-125ML Number of Bottles: 8 Preserved With: FILTER-H2SO4-ICE

W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices

Bottle Type: P-250ML Number of Bottles: 8 Preserved With: ICE

W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Bottle Type: P-500ML Number of Bottles: 8 Preserved With: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
	Iron	
	Zinc	
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
	Arsenic	
	Cadmium	
	Chromium	
	Copper	
	Lead	
	Nickel	
	Silver	

Bottle Type: P-500ML Number of Bottles: 8 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 8 Preserved With: FILTER-ICE

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Type: P-1L Number of Bottles: 8 Preserved With: ICE

BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE

BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited

Bottle Type: P-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE

FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Type: P-125ML Number of Bottles: 1 Preserved With: FILTER-H2SO4-ICE

W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
	Iron	
	Zinc	
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
	Arsenic	
	Cadmium	

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Chromium
Copper
Lead
Nickel
Silver

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 1 Preserved With: FILTER-ICE

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

ORIGIN ID:TLHA (239) 344-5720
JOHN BARRINGTON
FDEP SOUTH DISTRICT OFFICE
2295 VICTORIA AVE SUITE 364

FORT MYERS, FL 33901
UNITED STATES US

SHIP DATE: 28FEB19
ACTWGT: 15.00 LB MAN
CAD: 0446970/CAFE3211

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399
(850) 245-6077 REF:
INV:
PO: DEPT:

RMA:

FedEx Express

J1011180605501cv

RETURNS MON-FRI

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TRK# 0221 4751 8777 3535

FRI - 15 MAR 10:30A
PRIORITY OVERNIGHT

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TLH

FID 524096 14MAR19 PGDA 553C1/4603/0C8A

RT 856 1
FZ 10:30 EB
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03.15

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RT 856 1
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